|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Black | Green | Orange | Red | Yellow |  | χ² test |
| Grass (observed) | 6 | 1 | 6 | 0 | 7 |  | 3.49 |
| Grass(observed) | 5 | 2 | 1 | 9 | 3 |  | 9 |
| Grass(observed) | 5 | 2 | 4 | 4 | 5 |  | 0.58 |
| Total | 11 | 5 | 11 | 13 | 15 |  | χ² test total: |
| Grass(expected) | 3.6 | 1.6 | 3.6 | 4.3 | 5 |  | 13.07 |
| Grass(expected) | 3.6 | 1.6 | 3.6 | 4.3 | 5 |  |  |
| Grass(expected) | 3.6 | 1.6 | 3.6 | 4.3 | 5 |  |  |
|  |  |  |  |  |  |  |  |
| Wood(observed) | 7 | 1 | 3 | 3 | 6 |  | χ² test |
| Wood(observed) | 5 | 3 | 4 | 3 | 5 |  | 0.26 |
| Wood(observed) | 6 | 3 | 6 | 0 | 5 |  | 0.29 |
| Total | 18 | 7 | 13 | 6 | 16 |  | 0.03 |
| Wood(expected) | 6 | 2.3 | 4.3 | 2 | 5.3 |  | χ² test total: |
| Wood(expected) | 6 | 2.3 | 4.3 | 2 | 5.3 |  | 0.58 |
| Wood(expected) | 6 | 2.3 | 4.3 | 2 | 5.3 |  |  |
|  |  |  |  |  |  |  |  |

P value for grass area:

   The two-tailed P value equals 0.0899  
   By conventional criteria, this difference is considered to be not quite statistically significant.

P value for wood area:

Chi2=0.58   DF=8

   The two-tailed P value equals 0.9998  
   By conventional criteria, this difference is considered to be not statistically significant.

Total: Chi2=13.65   DF=20]

   The two-tailed P value equals 0.8478  
   By conventional criteria, this difference is considered to be not statistically significant.